

Attachment 3: Work Plan

A. Current Status in Meeting IRWM Plan Standards

1. Governance

Plan Standards Already Met in Adopted Plan

Identification of the Regional Water Management Group: The Board of Directors of the San Luis & Delta-Mendota Water Authority (Water Authority) serves as the Regional Water Management Group (RWMG) for the Westside Integrated Water Resources Plan (WIWRP) for the Westside – San Joaquin IRWM Region (Region). The Water Authority's member agencies are organized under an Activity Agreement that obligates the Water Authority to perform administrative tasks, such as submitting grant applications and related reports, tracking funds, and facilitating the update of the WIWRP. Participants in the IRWM planning process that are not members of the Water Authority are organized under a Memorandum of Agreement that provides for their participation under the terms and conditions set forth in the Activity Agreement. The Activity Agreement creates a steering committee to direct policy, recommend budgets, and determine various activities under the Activity Agreement, subject to approval by the Water Authority's Board of Directors.

Description of the IRWM governance structure: Stakeholders interact on at least a monthly basis through the Water Authority's existing administrative structure, via meetings of the O&M Technical Committee, the policy oriented Water Resources Committee, and the Finance & Administration Committee. In addition, ad-hoc working groups are formed as necessary to focus on matters of particular expertise or interest, such as development of the WIWRP, which is guided by a steering committee. These committees and working groups evaluate and synthesize information and develop recommendations to the Board of Directors of the Water Authority, which serves as the final decision-making body for the RWMG.

Plan Standards not Currently Met

The Adopted Plan does not provide a description of how the chosen form of governance addresses and ensures:

- Public outreach and involvement processes
- Effective decision making
- Balanced access and opportunity for participation in the IRWM process
- Effective communication – both internal and external to the IRWM region
- Long term implementation of the IRWM Plan
- Coordination with neighboring IRWM efforts and State and federal agencies
- The collaborative process(es) used to establish plan objectives
- How interim changes and formal changes to the IRWM Plan will be performed
- Updating or amending the IRWM Plan, including procedures to update the plan to accommodate future technical modifications without the need to re-adopt the plan

2. Region Description

Plan Standards Already Met in Adopted Plan

Explanation of how the IRWM regional boundary was determined: The IRWM planning region (Region) is generally defined as those lands receiving Central Valley Project (CVP) water pumped from the Delta through the Tracy Pumping Plant and conveyed via the Delta-Mendota Canal and San Luis Canal to serve irrigation, municipal, industrial, and habitat purposes.

Description of the major water related infrastructure and flood management infrastructure: The Adopted Plan provides a description of the major water related infrastructure related to the CVP, acknowledges the flood management benefits of reservoir structures in the Region, and proposes several projects that would improve flood management.

Description of water supplies and demands for a minimum 20-year planning horizon: The Adopted Plan includes a water gap analysis which quantifies water supplies (surface, groundwater, and imported) and demand for a baseline of 1999 and provides estimates of supply and demand projected to 2025.

Major water related objectives and conflicts in the Region: The Adopted Plan includes 13 objectives, including 7 which address the Region's major water-related issues and conflicts, including: supply reliability, flood management, groundwater management, storm water management, water conservation, water quality improvement and water recycling. Specific problems associated with these objectives are identified, and the strategies and projects included in the Adopted Plan are clearly linked to the resolution of the identified problems.

Current and future (or proposed) water quality conditions in the region and any water quality protection and improvement needs or requirements: The Adopted Plan describes current water quality regulatory requirements and identifies the improvement of the quality of agricultural return water as a primary water quality improvement need (and identifies a series of actions, collectively known as the Westside Regional Drainage Plan) to address that need.

Description of the social and cultural makeup of the regional community: The Adopted Plan provides information on the social, economic, and cultural makeup of the regional community and acknowledges that twelve of the twenty-three census tracts within the Western San Joaquin area have median household incomes that are less than 80% of the statewide average, and thus qualify as Disadvantaged Communities (DACs).

Description of areas and species of special biological significance and other sensitive habitats: The Adopted Plan acknowledges and describes wildlife refuges within the Region and describes other habitat types, and includes a list of special-status species located within the Region.

Major land-use divisions: The Adopted Plan describes land use within the Region, which is primarily agricultural, with some open space and several small communities.

Plan Standards not Currently Met

The Regional Description in the Adopted Plan does not include descriptions of:

- Why the region is an appropriate area for IRWM planning

- The watersheds (in which the Region is located)
- Internal boundaries within the region including the boundaries of municipalities, service areas of individual water, wastewater, flood control districts, and land use agencies
- Important ecological processes and environmental resources within the regional boundaries and the associated water demands to support environmental needs
- Potential effects of climate change on the region
- Neighboring and/or overlapping IRWM efforts and an explanation of the planned/working relationship that promotes cooperation and coordination between regions

3. Objectives

Plan Standards Already Met in Adopted Plan

The Adopted Plan clearly presents plan objectives and acknowledges:

“The overarching goal of the Plan is to minimize Regional conflict by addressing the most problematic sources of tension affecting our agricultural, municipal, and environmental water use, namely water supply reliability, drainage, and water quality.”

Eleven supporting objectives are identified, which address major water-related issues and conflicts in the Region:

- Provide reasonable opportunity to advance ecosystem restoration through balanced project implementation
- Develop regional solutions that protect environmental and habitat concerns and provide potential for improvement
- Improve south-of-Delta water supply reliability by an average of 25%
- Minimize risk of loss of life, infrastructure, and resources caused by significant storm events by utilizing uncontrolled flow beneficially
- Maximize utility of Regional aquifers while reducing potential for overdraft
- Consider recreational potential in project development
- Capture storm water for higher beneficial use whenever practicable
- Always promote and enhance water conservation.
- Develop Regional solutions that provide opportunity for water quality improvement
- Always promote and enhance water recycling
- When possible, align projects to complement existing wetlands

Plan Standards not Currently Met

Not all of the objectives are measurable by some practical means so that the achievement of objectives can be monitored. In addition, the Adopted Plan does not provide descriptions of:

- The process used to develop the objectives
- An explanation of why the objectives are not prioritized

4. Resource Management Strategies

Plan Standards Already Met in Adopted Plan

The Adopted Plan identifies the Resource Management Strategies (RMS) that were incorporated into the Plan and the prioritized projects (consistent with the RMS that were identified for Proposition 50, Round 1 funding), including: ecosystem restoration, groundwater management, imported water, improve and protect water quality, land use management, NPS pollution control, stormwater quality and flood management, surface storage, water treatment, water conservation, and water transfers.

The Adopted Plan and the prioritized projects also incorporated the following additional strategies: conveyance expansion and improvement, energy conservation, hydro-power generation, operational flexibility, recirculation, source shifting, and water use efficiency

Plan Standards not Currently Met

The Adopted Plan does not:

- Include consideration of all the RMS strategies listed in Volume 2 of the California Water Plan Update 2009
- Provide an explanation of how the effects of climate change would factor in the selection of RMS to be included in the Plan

5. Integration

Plan Standards Already Met in Adopted Plan

The Adopted Plan provides structures and processes that provide opportunities to develop and foster integration: This includes the decision-making structure, comprised of multiple committees, focused work groups, and a steering committee, provides opportunities to foster integration across jurisdictional boundaries and include multiple agencies and stakeholders in the identification of regional needs, articulation of region-wide objectives, and the selection and prioritization of projects that are consistent with the objectives and address regional needs.

The Plan relies on integration at both the plan and project level. At the plan level, the selection of objectives, strategies, and projects, create a range of approaches that are complementary and assure regional benefits from individual efforts. At the project level, because identified problems and conflicts are rarely one-dimensional, the integration of multiple strategies is necessary to generate solutions that address both the primary problem and the underlying causes, as well as to mitigate potential secondary effects of the proposed solution.

In addition to the integration of technical solutions, interdependency of the projects extends into the funding and political realms, which enhances the potential for stakeholder support of the Plan. Thus, the interdependency of the Plan and the identified projects can also foster integration of stakeholders' efforts, at the Plan level and beyond.

Plan Standards not Currently Met

None.

6. Project Review Process

Plan Standards Already Met in Adopted Plan

The Adopted plan includes 12 projects, which are and described in detail and prioritized as follows:

- Westside Regional Drainage Plan
- San Luis Reservoir Low-Point Improvement Project
- Level 2 & Level 4 Refuge Water Supply Diversification Program
- San Joaquin River Exchange Contractors Water Authority and Water Authority Water Transfer Program
- Southwest Stanislaus County Regional Drainage Management Project
- Arroyo Pasajero Flood Control Project
- Westside Surface Storage Reservoir Project
- San Joaquin River – DMC Pipeline Connection
- Pleasant Valley Groundwater Banking Project
- Los Banos Creek Conjunctive Use Project
- West Stanislaus Flood Control Project
- Arroyo Pasajero Groundwater Banking Project

Plan Standards not Currently Met

The Adopted Plan does not include descriptions of:

- Procedures for submitting a project to the RWMG
- Procedures for review of projects to be considered for inclusion in the Plan, including consideration of:
 - How the project contributes to the IRWM Plan objectives
 - How the project is related to resource management strategies selected for use in the IRWM Plan
 - Technical feasibility of the project
 - Specific benefits to DAC water issues
 - Environmental Justice (EJ) considerations
 - Project costs and financing
 - Economic feasibility, including water quality and water supply benefits and other expected benefits and costs
 - Project status
 - Strategic considerations for IRWM Plan implementation
 - Contribution of the project in adapting to the effects of climate change in the region
 - Consideration of Greenhouse Gas (GHG) emissions when choosing between project alternatives

7. Impacts and Benefits

Plan Standards Already Met in Adopted Plan

The adopted Plan includes a discussion of potential impacts and benefits of Plan implementation.

Plan Standards not Currently Met

The discussion of impacts and benefits does not identify whether those benefits or impacts would directly affect DACs, address EJ concerns or Native American tribal communities.

8. Plan Performance and Monitoring

Plan Standards Already Met in Adopted Plan

The Adopted Plan provides a description of performance monitoring for projects that are identified as being ready for implementation.

Plan Standards not Currently Met

The Adopted Plan does not include performance measures and monitoring methods to ensure the objectives of the Plan are met and does not describe the method for evaluating and monitoring the RWMG's ability to meet the objectives and implement the projects in the Plan.

9. Data Management

Plan Standards Already Met in Adopted Plan

The Adopted Plan discusses the collection of information related to implementation of individual projects.

Plan Standards not Currently Met

The Adopted Plan does not describe how collected data would be disseminated and does not identify a process to make available project-related information (e.g., designs, feasibility studies, reports, and other information) for any phase of development, including the planning, design, construction, operation, and project monitoring.

10. Finance

Plan Standards Already Met in Adopted Plan

The Adopted Plan describes a plan for implementation and financing of identified projects and programs,

Plan Standards not Currently Met

The Adopted Plan does not describe the certainty of the identified funding sources and does not address financing for implementation of the Plan (including project O&M costs).

11. Technical Analysis

Plan Standards Already Met in Adopted Plan

The Adopted Plan identifies and includes much of the substantive data and technical analyses that were used in the development of the IRWM Plan, including the projects included in the Plan.

Plan Standards not Currently Met

None.

12. Relation to Local Water Planning

Plan Standards not Currently Met

The Adopted Plan does not document the local water planning documents on which it is based including:

- A list of local water plans used in the IRWM Plan
- A discussion of how the IRWM Plan relates to planning documents and programs established by local agencies
- A description of the dynamics between the IRWM Plan and local planning documents

13. Relation to Local Land Use Planning

Plan Standards Already Met in Adopted Plan

The Adopted Plan provides a description of general plan policies and principals related to the conservation and preservation of sensitive species and habitat communities.

Plan Standards not Currently Met

The Adopted Plan does not contain processes that foster communication between land use managers and RWMGs with the intent of effectively integrating water management and land use planning. The adopted plan does not currently document:

- Current relationship between local land use planning, regional water issues, and water management objectives
- Future plans to further a collaborative, proactive relationship between land use planners and water managers

14. Stakeholder Involvement

Plan Standards Already Met in Adopted Plan

The Adopted Plan describes:

A public process that provides outreach and an opportunity to participate in IRWM Plan development and implementation to the appropriate local agencies and stakeholders: The genesis of the WIWRP was an effort undertaken by the US Bureau of Reclamation, the Water Authority, and other local stakeholders beginning in 2001 to develop an Integrated Regional Plan to provide guidance for future

water management and planning decisions. The original IRP evolved through a series of stakeholder-driven revisions through October 2003.

A subsequent revision effort began in the fall of 2004 by soliciting ideas for projects that furthered the goals identified in the 2003 Draft IRP. Initial inquiries were made to key Member Agencies' managers and staff whom had expressed interest in updating the 2003 IRP and, a scoping session was held on September 23, 2004. The session produced several project ideas, which were then electronically distributed to the Water Authority's entire membership on September 30, 2004 for consideration and further input.

On February 28, 2005 the Water Authority held its first formal Proposition 50 Integrated Regional Water Management grant application workshop, to filter the many project ideas and assign tasks relative to the IRP update. On March 21, 2005 the Water Authority sent, through traditional means, another notice regarding the effort to revise the IRP, a tentative schedule, and solicitation for comments. The process culminated in the adoption of the WIRWP on May 6, 2006.

The process used to identify, inform, invite, and involve stakeholder groups in the IRWM process: The outreach process utilized in the initiation of the Plan is described above. Since adoption, stakeholders have the opportunity to interact on at least a monthly basis through the Water Authority's existing administrative structure, via meetings of the O&M Technical Committee, the policy-oriented Water Resources Committee, and the Finance & Administration Committee. In addition, ad-hoc working groups are formed as necessary to focus on matters of particular expertise or interest, such as development of the WIWRP, which is guided by a steering committee, which develops recommendations for consideration by the RWMG. In addition, stakeholders may attend and provide comments at regularly-scheduled meetings of the Board of Directors of the Water Authority, which serves as the final decision-making body for the RWMG.

Plan Standards not Currently Met

The Adopted Plan does not identify whether outreach to the following entities occurred:

- Wastewater agencies
- Flood control agencies
- Municipal and county governments and special districts
- Electrical corporations
- Native American tribes
- Self-supplied water users
- Environmental stewardship organizations
- Community organizations
- Industry organizations
- State, federal, and regional agencies or universities

The Adopted Plan also does not include descriptions of:

- How a stakeholder goes about participating in Plan committees, roles, or positions regardless of their ability to contribute financially to the Plan
- How the RWMG will endeavor to involve DACs and Native American tribal communities in the IRWM planning effort
- How stakeholders are necessary to address the objectives and resource management strategies of the IRWM Plan and are involved or are being invited to be involved in Plan activities
- How collaborative processes will engage a balance of the interest groups listed above in the IRWM process regardless of their ability to contribute financially to the IRWM Plan's development or implementation

15. Coordination

Plan Standards Already Met in Adopted Plan

The Adopted Plan addresses the topic of coordination and describes involvement of State and other agencies in communication, cooperation, or implementation of IRWM Plan projects.

Plan Standards not Currently Met

The Adopted Plan does not include descriptions of:

- A process to coordinate water management projects and activities of participating local agencies and local stakeholders to avoid conflicts and take advantage of efficiencies
- Other neighboring IRWM efforts and the way cooperation or coordination with these other efforts will be accomplished
- Any ongoing water management conflicts with adjacent IRWM efforts.
- Where State or federal regulatory decisions are required before implementing the projects included in the Plan.

16. Climate Change

Plan Standards not Currently Met

The Adopted Plan does not include:

- Discussion of the potential effects of climate change on the IRWM region, including an evaluation of the IRWM region's vulnerabilities to the effects of climate change and potential adaptation responses to those vulnerabilities
- A process that discloses and considers GHG emissions when choosing between project alternatives.

B. Grant Work Plan

To complete an update of the WIWRP, the following tasks are proposed.

Task 1 Grant Management Activities

If awarded funding, the Water Authority will:

- Execute a Grant Agreement with DWR for Proposition 84 funding
- Execute a special project agreement with any DAC project proponent that receives technical assistance for project-related technical studies
- Submit invoices to DWR and process payments
- Submit quarterly progress reports and a final progress report

Task 2 Continue Outreach to Expand Stakeholder Participation

As an initial step for the Plan Update, an outreach effort will be initiated that includes entities that were originally invited to participate, along with invitations to new entities, including, but not limited to:

- Wastewater agencies
- Flood control agencies
- Municipal and county governments and special districts
- Electrical corporations
- Self-supplied water users
- Environmental stewardship organizations
- Community organizations
- Industry organizations
- State, federal, and regional agencies or universities

As no state- or federally-recognized Native American tribes have lands within the Westside – San Joaquin IRWM Region, outreach to Native American tribes is not anticipated during the Plan Update. However, if any such entities are identified, they will be included in all subsequent outreach efforts.

In conjunction with this outreach process, the RWMG will publish a notice of intent to update the Adopted Plan in accordance with §6066 of the Government Code. To support the expansion of outreach efforts, the Water Authority will also expand the information related to the plan and the planning process that is available on the Water Authority's website.

Task 3 Continue Focused Outreach to DACs

In addition to the general outreach activity described in Task 2, the RWMG will expand outreach to DACs in the Region. The WIWRP DAC outreach program was formally initiated in 2009 and resulted in the identification of eight entities that either are communities in which DACs reside, or are agencies that provide water, wastewater, or flood protection services to DACs. As described below in Task 8, a survey of those entities identified 22 projects that would directly benefit DACs in the WIWRP region.

This task will seek the continued involvement of the previously-identified entities and expand DAC participation to other interested agencies and organizations. Assistance to keep previously-identified DAC representatives involved in the planning process and to identify opportunities to expand DAC participation will be provided by two environmental justice (EJ) groups that serve all, or parts, of the region: the Community Water Center and Self Help Industries, both of which have already committed to assisting in this task. Their contacts, knowledge of DAC communities, and experience with outreach methods will be invaluable to this focused DAC outreach effort. In addition, a number of city managers whose communities qualify as DACs will also be involved in ongoing DAC outreach.

The EJ groups, water management and utility agencies serving DACs, city managers for communities that qualify as DACs, and other DAC stakeholders will be encouraged to participate in the project identification and prioritization process (in Task 7), including the initial prioritization of DAC projects and the identification of projects that warrant technical assistance (in Task 8). DAC representatives will also be encouraged to participate in the entire Plan Update process. To support continued participation, focused outreach to DAC participants will occur prior to each of the stakeholder meetings and workshops via phone, email, or letter (as appropriate to each representative), as well as prior to major milestones in the planning process (e.g., release of the Draft Plan Update).

Task 4 Conduct Stakeholder Meetings and Workshops

A series of stakeholder meetings and/or workshops will be held (approximately on a quarterly basis, with dial-in telephone access available to assure broad participation), so that Water Authority member agencies, stakeholders in the Region, and DAC representatives can provide input to Water Authority staff and the consultants working on the Plan Update. Topics to be addressed will include, but not be limited to:

- Schedule and process for the Plan Update
- Potential revisions to plan objectives
- How DAC participation can be expanded and maintained
- Assessment of the region's vulnerability to Climate Change
- Updated analysis of water supply and demand
- Identification, integration, and prioritization of projects
- A preview of the Plan Update (to avoid surprises in the Draft Plan)
- Review of, and comments on, the Draft Plan Update

Task 5 Assess Region's Vulnerability to Climate Change

The Plan Update must include a discussion of the potential effects of climate change on the WIRWP region, including an evaluation of the IRWM region's vulnerabilities to the effects of climate change. This will be accomplished through the completion of the qualitative check list assessment included in Appendix B to the Climate Change Handbook for Regional Water Planning (US Environmental Protection Agency and California Department of Water Resources, November 2011).

The results of this assessment will be summarized in a Technical Memorandum, which will be distributed to stakeholders, posted to the plan website, and discussed at a subsequent stakeholder

workshop. Revisions to the climate change vulnerability analysis that result from stakeholder feedback will be incorporated into the Draft Plan Update (in Task 9).

In addition to the vulnerability assessment (which will be included as an attachment to the Plan Update), this task will also provide:

- A list of prioritized vulnerabilities based on the vulnerability assessment and the WIRWP Region decision making process
- A plan, program, or methodology for further data gathering/analyzing of the prioritized vulnerabilities

Note that the project selection and prioritization process in Task 7 (described below) will identify a process to disclose and consider GHG emissions when choosing between project alternatives.

Task 6 Update Analysis of Water Supply and Demand

The Adopted Plan includes a water gap analysis which quantifies water supplies (surface, groundwater, and imported) and demand for a baseline of 1999 and provides estimates of supply and demand projected to 2025. This analysis focused on CVP export contractors who have had their water supplies adversely affected by the implementation of the provisions of (Federal) Endangered Species Act, the Central Valley Project Improvement Act, CVPIA, and the State Water Resources Control Board's decision D-1641. The Supply Gap analysis did not include the water supply and demand associated with San Joaquin River Exchange Contractors and local wildlife refuges because their water supplies were not adversely impacted by the cited legislative and regulatory actions. In addition, the Supply Gap analysis focused on agricultural lands and M&I service areas within the Water Authority boundaries served by CVP water service contracts, and thus did not include M&I water supplies derived from local supplies.

This task will provide an updated analysis of water supply and demand for the Region, which will include a description of the quality and quantity of water resources within the region (i.e. surface waters, groundwater, reclaimed water, imported water, and desalinated water) and quantify water supplies and demands for a minimum 20-year planning horizon. This task will also be informed by the Climate Change Vulnerability Assessment performed in Task 5.

The results of this analysis will be summarized in a Technical Memorandum, which will be distributed to stakeholders, posted to the plan website, and discussed at a subsequent stakeholder workshop. Revisions to the water supply and demand analysis that result from stakeholder feedback will be incorporated into the Draft Plan Update (in Task 9).

Task 7 Develop a Process to Identify, Integrate and Prioritize Projects

In concert with Water Authority member agencies, DACs, and other stakeholders, a process to identify, integrate and prioritize projects will be developed to address:

- Procedures for submitting a project to the RWMG
- Procedures for review of projects considered for inclusion into the IRWM Plan, including consideration of the following factors:
 - How the project contributes to the IRWM Plan objectives

- How the project is related to resource management strategies selected for use in the IRWM Plan
- Technical feasibility of the project
- Specific benefits to DAC water issues
- Environmental Justice (EJ) considerations
- Project costs and financing
- Economic feasibility, including water quality and water supply benefits and other expected benefits and costs
- Project status
- Strategic considerations for IRWM Plan implementation
- Contribution of the project in adapting to the effects of climate change in the region
- Consideration of GHG emissions when choosing between project alternatives

The Draft Prioritization Framework will be described in a Technical Memorandum that will be distributed to stakeholders, posted to the plan website, and discussed at a subsequent stakeholder workshop.

Concurrent with the development of the Draft Prioritization Framework, a “call for projects” will be issued to all stakeholders (including DAC representatives) and posted to the plan website. The list of projects generated as a result will be discussed at a stakeholder workshop along with the outcome of applying the Draft Prioritization Framework to those projects (as that process will generate an initial list of prioritized projects). Given the amount of detail proposed to be included in the prioritization framework (as listed above), it is anticipated that project ranking will be substantially impacted by the availability of information for each proposed project (e.g., project concepts with limited supporting information may be ranked low, because insufficient information will be available to score some of the prioritization criteria). Thus, the initial ranking of projects (discussed at the workshop) will only be for informational purposes, as a subsequent project prioritization process will be undertaken in conjunction with the Draft Plan Update (in Task 9).

Feedback from the workshop will be used to modify the Prioritization Framework, which will be incorporated into the Draft Plan Update. It is anticipated that proponents of projects that ranked low in the initial ranking (due, in part, to a lack of sufficient information) may subsequently engage in additional technical analyses to expand the information available for the subsequent prioritization of projects. Prior to the second project prioritization process, project proponents will be given an opportunity to amend or augment the information submitted in support of their projects. The updated project information will be used in the subsequent prioritization of projects, and the results of that process will be included in the Draft Plan Update.

Task 8 Technical Assistance to Projects Benefitting DACs

As part of the DAC outreach process initiated in 2009, a survey was conducted to identify water supply, water quality, wastewater disposal/recycling, and flood control projects that would benefit DACs in the Region. The survey process was initiated with development of agency and contact person lists for water, wastewater and flood control agencies and organizations and environmental justice organizations that serve all or portions of the Region. Each of these agencies and organizations were

contacted to seek their participation in identifying projects that will directly benefit DACs, via formal letters, follow-up emails, and phone calls.

From the survey, a total of 22 projects were identified that would directly benefit DACs, as listed in Table 1.

Table 1: Westside – San Joaquin Region DAC Projects

Agency	Project
<i>Water Supply</i>	
Santa Nella CWD	Well Study/Project
City of Gustine	Well & System Improvements
City of Los Banos	Well Rehabilitation
City of Los Banos	Groundwater Monitoring
City of Los Banos	Production Well # 16
City of Newman	New Well # 9
City of Newman	Storage Tank & Pump Station
City of Newman	Distribution System Improvements
City of San Joaquin	Water Well # 6
City of San Joaquin	Water Storage tank
City of San Joaquin	Main Line Replacement
City of San Joaquin	Citywide Meter Installation
Twin Oaks Irrigation Co.	Tailwater Recovery System
Twin Oaks Irrigation Co.	Well Replacements
<i>Water Quality</i>	
Santa Nella CWD	Water Treatment Plant Improvements
Twin Oaks Irrigation Co	Dredge Ramona Lake
<i>Wastewater /Recycling</i>	
City of Kerman	Treatment Plant Expansion
Santa Nella CWD	Treatment Plant Expansion
<i>Flood Protection</i>	
City of San Joaquin	Strom Drain Lift Station
Westside RCD	Arroyo Pasajero Project
Westside RCD	Tranquility /San Joaquin
Westside RCD	Panoche-Silver Creek Project

In conjunction with the focused DAC outreach in Task 3, and concurrent with Task 7, the previously-developed list of DAC projects will be reviewed and updated as needed with input from EJ groups, water and utility agencies that serve DACs, city managers in which DAC populations reside, and other DAC stakeholders. Using the project prioritization criteria developed in Task 7, the DAC projects will be prioritized. As noted above, given the amount of detail proposed to be included in the prioritization framework, it is anticipated that the ranking of some DAC projects may be adversely impacted by the lack of sufficient technical information.

The Water Authority will work with DAC representatives and the EJ groups to review the results of the initial project prioritization of DAC projects to identify 7 projects that could have scored higher if additional technical information was available. The proponents of those 7 DAC projects will be offered technical assistance by the Water Authority to undertake additional technical studies in order to address as many of the project prioritization criteria as feasible. These studies could include, but would not be limited to:

- Analysis of the technical feasibility of the project, including preliminary design
- Refinement of the work plan, budget, and schedule
- Assessment of economic feasibility, including quantification of water supply, water quality, flood damage reduction and any other benefits

The outcome of this task will be up to 7 projects (depending on the extent of funding and the original status of the project) that have sufficient technical information to address most, if not all, of the project prioritization criteria. This task will enhance the competitiveness of DAC projects, increase the potential for their inclusion in a future implementation grant application, and thereby assure that the water resource management issues of DACs are addressed.

Task 9 Prepare Draft Update of WIWRP

A Draft Plan Update will be developed to address the following IRWM Plan standards:

a. Governance

A description of how the RWMG governance structure addresses and ensures:

- Public outreach and involvement processes
- Effective decision making
- Balanced access and opportunity for participation in the IRWM process, including DACs
- Effective communication – both internal and external to the IRWM region
- Long term implementation of the IRWM Plan
- Coordination with neighboring IRWM efforts and State and federal agencies
- The collaborative process used to establish plan objectives
- How interim changes and formal changes to the IRWM Plan will be performed
- Updating or amending the IRWM Plan, including procedures to update the plan to accommodate future technical modifications without the need to re-adopt the plan

b. Region Description

Expand the Regional Description to include discussion of:

- Why the region is an appropriate area for IRWM planning
- The watersheds (in which the Region is located)
- Internal boundaries within the region including the boundaries of municipalities, service areas of individual water, wastewater, flood control districts, and land use agencies
- Important ecological processes and environmental resources within the regional boundaries and the associated water demands to support environmental needs.
- Potential effects of climate change on the region
- Neighboring and/or overlapping IRWM efforts and an explanation of the planned/working relationship that promotes cooperation and coordination between regions
- The potential for interregional benefits, including those that may accrue within the Tulare Lake and San Joaquin IRWM funding areas and those that may accrue to Water Authority member agencies that are located outside the WIWRP region boundary, including the Santa Clara Valley Water District, Zone 6 of San Benito County Water District, and the Pajaro Valley Water Management Agency

c. Objectives

The Plan Update will consider revisions to the list objectives in the Adopted Plan and to assure that objectives are measurable so that the achievement of objectives can be monitored in the future. In addition, the Plan Update will include descriptions of:

- The process used to develop the objectives
- An explanation of why the objectives are not prioritized

As an initial step in the Plan Update process, a Technical Memo will be developed that suggests possible revisions to the objectives. This memo will be distributed to stakeholders, posted to the plan website, and discussed at the initial stakeholder workshop. Revisions to the plan objectives that result from stakeholder feedback will be reflected in the Draft Plan Update.

d. Resource Management Strategies

The Plan Update will:

- Include consideration of all the RMS listed in Volume 2 of the California Water Plan (CWP) Update 2009 (or an updated list of RMS included in Update 2013 of the CWP)
- Provide an explanation of how the effects of climate change factors into the selection of the RMS included in the Plan Update

e. Integration

No revisions proposed or required.

f. Project Review Process

The Plan Update will include a description of the project review process (developed in Task 7 above), including.

- Procedures for submitting a project to the RWMG
- Procedures for review of projects considered for inclusion into the WIWRP, including consideration of the following factors:
 - How the project contributes to the WIWRP objectives
 - How the project is related to resource management strategies selected for use in the IRWM Plan
 - Technical feasibility of the project
 - Specific benefits to DAC water issues
 - Environmental Justice (EJ) considerations
 - Project costs and financing
 - Economic feasibility, including water quality and water supply benefits and other expected benefits and costs
 - Project status
 - Any strategic considerations for IRWM Plan implementation
 - Contribution of the project in adapting to the effects of climate change in the region
 - Consideration of GHG emissions when choosing between project alternatives

As discussed above in Task 7, based on feedback from a stakeholder workshop, the prioritization framework will be revised to incorporate feedback. As discussed in Task 8, 7 DAC project proponents will be provided technical assistance to augment the supporting technical information for those projects. Subsequently, all project proponents will be given an opportunity to amend their project submittal, including the provision of additional technical information that addresses as many of the project prioritization criteria as feasible. Based on this updated information, the submitted projects will be prioritized, and that prioritized list will be included in the Draft Plan Update.

g. Impacts and Benefits

The discussion of impacts and benefits will be revised to address the new prioritized list of projects and to identify whether any those benefits or impacts would directly affect DACs or address Environmental Justice concerns.

h. Plan Performance and Monitoring

The Plan Update will describe performance measures and monitoring methods to gauge how the objectives of the Plan are met and the method for evaluating and monitoring the RWMG's ability to meet the Plan objectives and implement the projects in the Plan.

i. Data Management

The Plan Update will include a description of how collected data will be disseminated and a process will be implemented to make project-related information publicly available for any project included in an implementation grant application.

j. Finance

The discussion of Financing in the Plan Update will be revised to address the certainty of the identified funding sources and financing for long-term implementation of the IRWM Plan, including project O&M costs.

k. Technical Analysis

No revisions proposed or required.

l. Relation to Local Water Planning

The Plan Update will:

- Identify the local water planning documents on which the Plan is based,
- Provide a discussion of how the WIWRP relates to local water planning documents and programs
- Provide a description of the dynamics between the WIWRP and local water planning documents.

m. Relation to Local Land Use Planning

The Plan Update will include a description of processes that foster communication between land use managers and the RWMG with the intent to better integrate water management and land use planning. This will include a description of:

- Current relationship between local land use planning, regional water issues, and water management objectives
- Future plans to further a collaborative, proactive relationship between land use planners and water managers

n. Stakeholder Involvement

The Plan Update will be revised to include descriptions of:

- How a stakeholder goes about participating in Plan committees, roles, or positions regardless of their ability to contribute financially to the Plan
- How the RWMG will endeavor to involve DACs and Environmental Justice groups in the IRWM planning effort
- How stakeholders are necessary to address the objectives and resource management strategies of the Plan and are involved or are being invited to be involved in Plan activities
- How collaborative processes will engage a balance of the interest groups listed above in the IRWM process regardless of their ability to contribute financially to the IRWM Plan's development or implementation

o. Coordination

The discussion of Coordination in the Plan Update will be revised to include descriptions of:

- A process to coordinate water management projects and activities of participating local agencies and local stakeholders to avoid conflicts and take advantage of efficiencies
- Other neighboring IRWM efforts and the way cooperation or coordination with these other efforts will be accomplished
- Any ongoing water management conflicts with adjacent IRWM efforts
- Where State or federal regulatory decisions are required before implementing the projects included in the Plan

p. Climate Change

New information on Climate Change will be added to the Plan Update, including:

- A discussion of the potential effects of climate change on the IRWM region and a qualitative check list assessment of the IRWM region’s vulnerabilities to the effects of climate change (from the *Climate Change Handbook for Regional Water Planning*) and a discussion of potential adaptation responses to those vulnerabilities
- A list of prioritized vulnerabilities based on the vulnerability assessment and the Region’s decision making process
- A plan, program, or methodology for further data collection and analysis of the prioritized vulnerabilities

Task 10 Review of Draft WIWRP Update

The Draft Plan Update will be posted to the Water Authority’s website and distributed electronically to: Water Authority’s member agencies; all stakeholders that have participated in the Plan Update process (including DAC representatives); and any agency, organization, or person that requests to review the Draft Plan. As noted in Task 4, a stakeholder meeting will be schedule to present the Draft Plan Update and receive feedback, including comments on the draft list of prioritized projects. Comments on the Draft Plan Update and the proposed disposition of those comments will be forwarded to the Steering Committee, who will determine how to revise the Draft Plan Update in response to the comments received.

Task 11 Prepare Final Draft Update of WIWRP

A Final Draft of the Plan Update will be prepared that incorporates revisions to the document per direction of the Steering Committee. The Final Draft will be forwarded to the Board of Directors of the Water Authority, and a notice will be transmitted to Water Authority member agencies and all stakeholders that participated in the planning process or were invited to participate, regarding the pending adoption of the Plan.

Task 12 Adopt and Release the Updated WIWRP

At a regularly-scheduled (and publicly-noticed) meeting, the Board of Directors of the Water Authority will consider adoption of the Updated WIWRP. Following adoption of the Plan, the Final WIRWP will be prepared and posted to the Water Authority’s website and be transmitted electronically to any stakeholder that requests the document.